

PATENT ABSTRACTS OF JAPAN

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(54) RADIO TRANSMISSION OUTPUT CONTROL METHOD

(57)Abstract:

PURPOSE: To automatically the communication state by detecting a radio channel state with increase/decrease in number of times of re-transmission on the occurrence of a transmission fault so as to adjust a radio transmission output based on the radio channel state of a transmitter side and to adjust number of times of re-transmission, thereby making a request of a radio transmission output adjustment to an opposite station.

CONSTITUTION: A protocol processing task 24 of a layer 2 of a transmitter side confirms a channel while making communication of a channel monitor command to an opposite station once for every two-three second period.

When number of times of re-transmission is increased, the protocol processing task 24 regards it that a radio channel state is deteriorated and gives a command to a transmission reception section 10 of a layer 1 thereby allowing the section 10 to increase a radio transmission output. Moreover, number of times of re-transmission setting of a command frame is set increasingly. When a reception level is further decreased, a radio transmission output increase is requested for the opposite station. The reception level is detected in the form of a reception signal of the transmission reception section 10 of the layer 1. After the control, the protocol processing task 24 of the layer 2 sends data from a layer 3 of its own station to the opposite station.

